



**REMOVAL PROGRAM
CHRONOLOGICAL SUMMARY REPORT
FOR THE
CAMDEN YARNS SITE
LEWISTON, MAINE
18 SEPTEMBER 2003**

Prepared For:

U.S. Environmental Protection Agency
Region I
Emergency Planning and Response Branch
1 Congress Street, Suite 1100
Boston, MA 02114-2023

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Submitted By:

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Region I
Superfund Technical Assessment and Response Team 2000 (START)
37 Upton Drive
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December 2003

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I. Narrative Chronology

Narrative Chronology

Introduction

The Camden Yarns Site (the site) is located at 1 Beech Street in Lewiston, Androscoggin County, Maine. Geographic coordinates of the site are latitude 44° 05' 34" north and longitude 70° 13' 19" west, as measured from the approximate center of the site [see Appendix A - Site Location Map (Figure 1)]. The site is identified as Lot 9 on Town Map 208. The site is bordered to the north by Beech Street and a park, to the west by the Androscoggin River, and to the south and east by industrial and commercial properties [see Appendix B - Sample Location Diagram (Figure 2)].

Site History

The site was purchased by Miller Industries, Inc. (Miller) in 1939. Miller conducted textile manufacturing operations at the site until 1992, at which time the mill ceased manufacturing operations. The mill is currently used by Miller for storage, and access to the property is restricted by a chain-link fence. The mill building is a two-story brick and concrete-block structure with a partially finished basement. There are three dye vat pits located on the first floor of the building. During the process of evaluating hazardous waste generator closure at this and other sites owned by Miller, the Maine Department of Environmental Protection (ME DEP) identified issues to be addressed before clean closure could be certified. Miller subsequently retained the services of environmental consultant Sevee & Maher Engineering, Inc. (SMEI), which prepared sampling and analysis plans for this site and the other sites. Contaminants identified at this and other mill properties owned by Miller include asbestos-containing materials (ACM), polychlorinated biphenyls (PCBs), lead paint, metals-containing dye powders and liquids, mercury-containing fluorescent lights, and various chemicals used in textile production including metals, acids, and volatile organic compounds (VOCs). Miller has not indicated any future plans for this site.

Site Activities

On 28 August 2003, Weston Solutions, Inc. Superfund Technical Assessment and Response Team (START) members Mandy Butterworth, Paul Callahan, and Bill Mahany; and U.S. Environmental Protection Agency (EPA) On-Scene Coordinators (OSCs) Wing Chau and Catherine Young mobilized to the site and met ME DEP representative Andy Slusarski and SMEI representative Guy Cote for the purpose of conducting a site reconnaissance. START personnel established a support zone, and calibrated the air monitoring instruments, which included a photoionization detector (PID), a flame ionization detector (FID), a combustible gas indicator/oxygen meter (CGI/O₂), and a radiation meter (MicroR). Ambient conditions were documented in the site health and safety plan (HASP) as follows: PID = 0.0 units; FID = 0.0 units; oxygen (O₂) = 21%; lower explosive limit (LEL) = 0%; and MicroR = 12 microroentgens per hour (μ R/hr). The HASP was prepared as a separate document, entitled *Removal Program Site Health and Safety Plan for the Camden Yarns Preliminary Assessment/Site Investigation, Lewiston, Maine*.

A walk-through of the site was conducted by all site personnel. Areas along the perimeter of the site building were observed to be generally level and clear of vegetation. According to SMEI representative Cote, one underground storage tank had been abandoned in place at the site, and approximately 15 to 20 drums of hazardous material generated from the cleanup of the dye vats had been removed from the site. The interior of the building appeared to be used for storage with the

exception of the dye house. Access to the dye vat pits was restricted by a plywood barrier. A portion of the basement was observed to have an earthen floor, with the remainder of the floor being constructed of concrete. A drain pipe was observed in the earthen area, with green-stained soil around the discharge point.

Sampling Activities

On 18 September 2003, OSC Chau and START members Butterworth, John Burton, Kyle Brennan, and Abbey Spargo mobilized to the site to conduct sampling activities. EPA and START personnel were met on site by SMEI representative Guy Cote. OSC Chau and START member Butterworth conducted a walk-through of the site and selected 10 soil sampling stations, labeled SS-01 through SS-10, and three pit samples, labeled PIT-01 through PIT-03. Samples SS-06 and SS-10 were located in the basement of the mill building. Soil sample locations were marked with pin flags, which were removed from the property at the conclusion of sampling activities.

START personnel donned appropriate personal protective equipment (PPE), as detailed in the site HASP, and began collecting soil samples. Grab soil samples were collected, using dedicated sampling equipment, for volatile organic compound (VOC), semivolatile organic compound (SVOC), pesticide/polychlorinated biphenyl (pest/PCB), and Target Analyte List (TAL) metals analyses. All sampling activities were conducted in accordance with the site sampling quality assurance/quality control (QA/QC) plan, which has been prepared as a separate document, entitled *Removal Program Sampling Quality Assurance/Quality Control Plan for the Camden Yarns Preliminary Assessment/Site Investigation, Lewiston, Maine*. Descriptions of samples collected are presented in Table 1.

TABLE 1
Sample Descriptions

Station No. and EPA Sample No.	Sample Type and Matrix	Grab or Composite	Sample Depth (Inches)	Geographic Coordinates	Comments
SS-01 D11793	Soil	Grab	0 - 3	44° 05' 33.07" N 70° 13' 19.06" W	
SS-02 D11794	Soil	Grab	0 - 3	44° 05' 32.88" N 70° 13' 19.89" W	
SS-03 D11795	Soil	Grab	0 - 3	44° 05' 32.84" N 70° 13' 20.88" W	
SS-04 D11796	Soil	Grab	0 - 3	44° 05' 33.35" N 70° 13' 21.16" W	
SS-05 D11797	Soil	Grab	0 - 3	44° 05' 34.16" N 70° 13' 21.70" W	MS/MSD/Dup

Table 1
Sample Descriptions (Concluded)

Station No. and EPA Sample No.	Sample Type and Matrix	Grab or Composite	Sample Depth (Inches)	Geographic Coordinates	Comments
SS-06 D11798	Soil	Grab	0 - 3	Unable to obtain GPS readings inside of building.	Sample collected from dirt floor basement.
SS-07 D11799	Soil	Grab	0 - 3	44° 05' 33.51" N 70° 13' 21.98" W	
SS-08 D11800	Soil	Grab	0 - 3	44° 05' 32.58" N 70° 13' 21.53" W	
SS-09 D11801	Soil	Grab	0 - 3	44° 05' 34.20" N 70° 13' 17.88" W	
SS-10 D11802	Soil	Grab	0 - 3	Unable to obtain GPS readings inside of building.	Outfall of discharge pipe in basement.
PIT-01 D11803	Soil	Grab	0 - 3	Unable to obtain GPS readings inside of building.	
PIT-02 D11804	Soil	Grab	0 - 3	Unable to obtain GPS readings inside of building.	
PIT-03 D11805	Soil	Grab	0 - 3	Unable to obtain GPS readings inside of building.	

MS/MSD/Dup = matrix spike/matrix spike duplicate/duplicate.

GPS = Global Positioning System

N = North

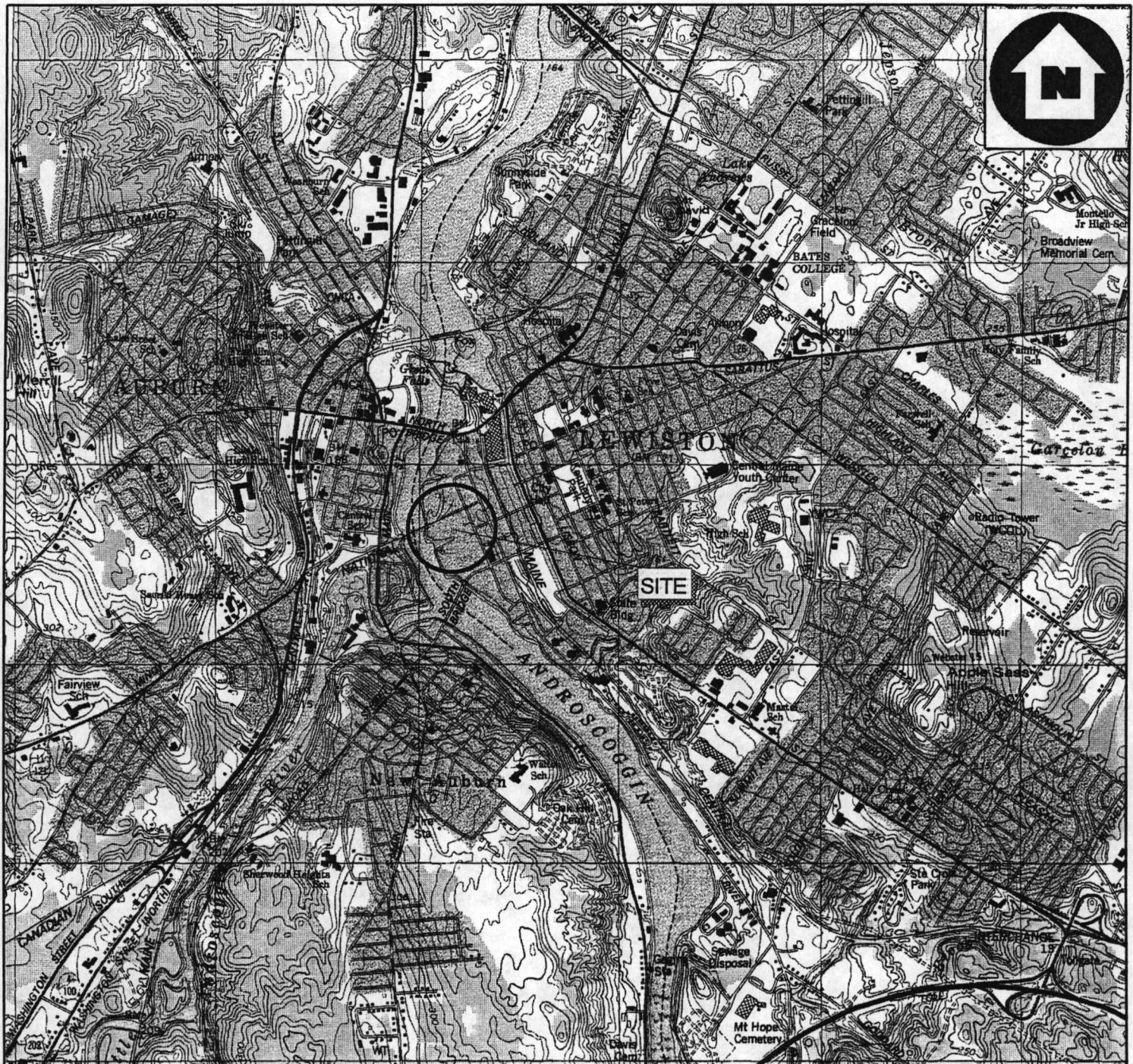
W = West

Upon completion of sampling activities, the geographic coordinates of each sample location were recorded using a Trimble Pathfinder Global Positioning System (GPS) unit, and sample locations/site conditions were photodocumented (see Appendix C - Photodocumentation Log). START personnel labeled and packaged the samples, and placed the sample containers in a cooler with ice. Chain-of-custody paperwork was completed, and the samples were shipped via Fed Ex to their respective laboratories (see Appendix D - Chain-of-Custody Record). Samples to be analyzed for organic parameters were sent to Laucks Testing Laboratories, Inc., located in Seattle, Washington, and samples to be analyzed for inorganic parameters were sent to Sentinel, Inc., located in Huntsville, Alabama (see Appendix E - Analytical Data).

II. Appendices

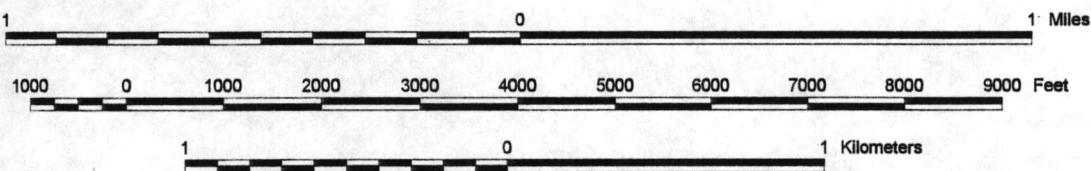
Appendix A

Site Location Map (Figure 1)



BASE MAP IS A PORTION OF THE FOLLOWING 7.5 X 15' U.S.G.S. QUADRANGLE(S):

LEWISTON, MAINE 1979



QUADRANGLE LOCATION

SITE LOCATION MAP

CAMDEN YARNS
1 BEECH STREET
LEWISTON, MAINE



REGION I SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM

TDD #	DRAWN BY:	DATE:
03-08-0015	BUTTERWORTH	11/13/2003
FILE NAME:	E:\ARC_APRS\START2\MILLERMAINESITES.APR	
		FIGURE 1

Appendix B

Sample Location Diagram (Figure 2)



SAMPLE LOCATION DIAGRAM

CAMDEN YARNS
1 BEECH STREET
LEWISTON, MAINE



REGION I SUPERFUND TECHNICAL ASSESSMENT AND RESPONSE TEAM

TDD NUMBER: 03-08-0015	CREATED BY: D. MUZRALL	CREATED ON: 11/5/2003
FILE LOCATION: E:\ARC_APRS\START2\MILLERMAINESITES.APR	FIGURE 2	

Appendix C
Photodocumentation Log

PHOTOGRAPHY LOG SHEET
Camden Yarns • Lewiston, Maine



SCENE: View of sample location SS-05, located near the northwest corner of the site building. Photograph taken facing north.

DATE: 18 September 2003

PHOTOGRAPHY BY: John Burton

TIME: 10:27 hours

CAMERA: Nikon CoolPix 3100



SCENE: View of sample locations SS-07 (foreground) and SS-04 (background). Photograph taken facing east.

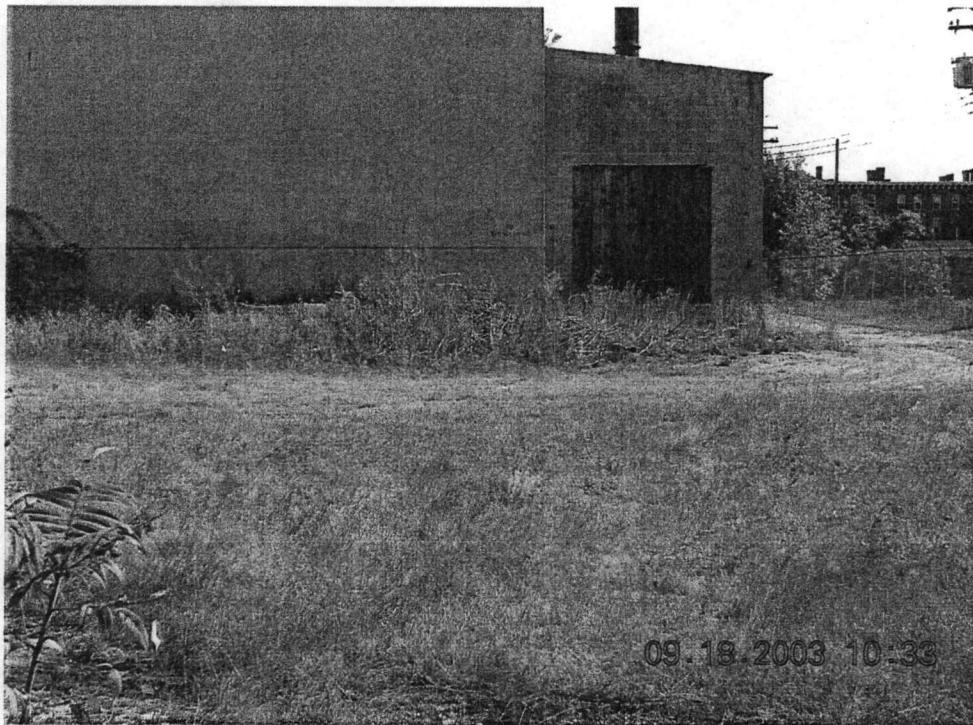
DATE: 18 September 2003

PHOTOGRAPHY BY: John Burton

TIME: 10:30 hours

CAMERA: Nikon CoolPix 3100

PHOTOGRAPHY LOG SHEET
Camden Yarns • Lewiston, Maine



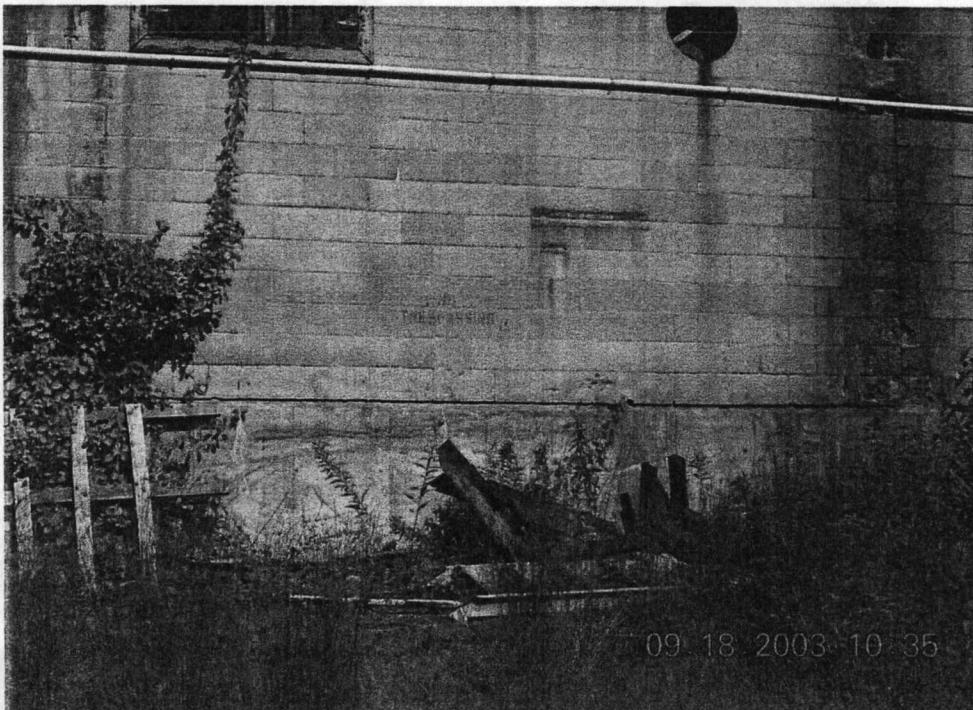
SCENE: View of sample locations SS-08 (foreground) and SS-03 (background). Photograph taken facing east.

DATE: 18 September 2003

PHOTOGRAPHY BY: John Burton

TIME: 10:30 hours

CAMERA: Nikon CoolPix 3100



SCENE: View of sample location SS-02, located along the southern side of the site building. Photograph taken facing north.

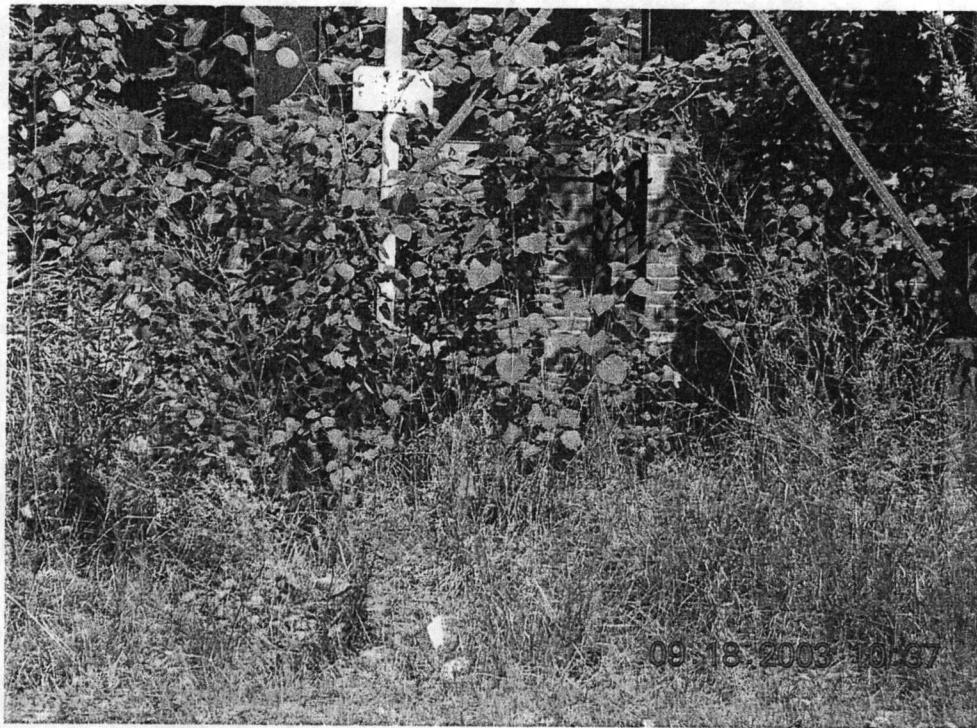
DATE: 18 September 2003

PHOTOGRAPHY BY: John Burton

TIME: 10:35 hours

CAMERA: Nikon CoolPix 3100

PHOTOGRAPHY LOG SHEET
Camden Yarns • Lewiston, Maine



SCENE: View of sample location SS-01, located near former aboveground storage tanks. Photograph taken facing north.

DATE: 18 September 2003

PHOTOGRAPHY BY: John Burton

TIME: 10:37 hours

CAMERA: Nikon CoolPix 3100



SCENE: View of sample location SS-09, located east of the site building. Photograph taken facing east.

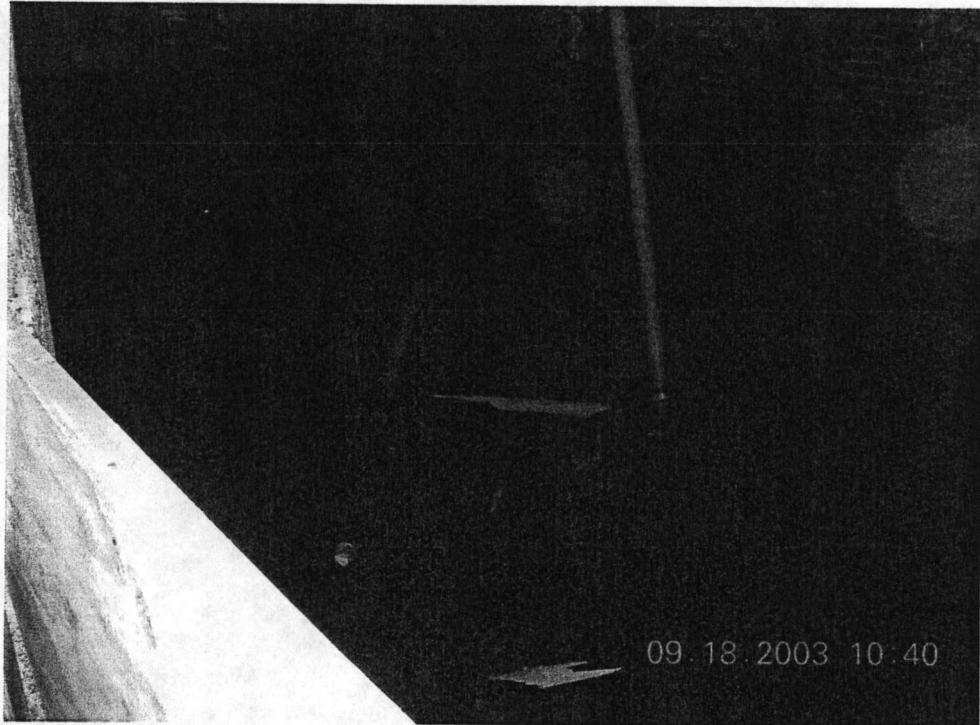
DATE: 18 September 2003

PHOTOGRAPHY BY: John Burton

TIME: 10:38 hours

CAMERA: Nikon CoolPix 3100

PHOTOGRAPHY LOG SHEET
Camden Yarns • Lewiston, Maine



SCENE: View of sample location PIT-01, collected from the eastern dye vat pit. Photograph taken indoors.

DATE: 18 September 2003

PHOTOGRAPHY BY: Abbey Spargo

TIME: 10:40 hours

CAMERA: Nikon CoolPix 3100



SCENE: View of sample location PIT-02, collected from the central dye vat pit. Photograph taken indoors.

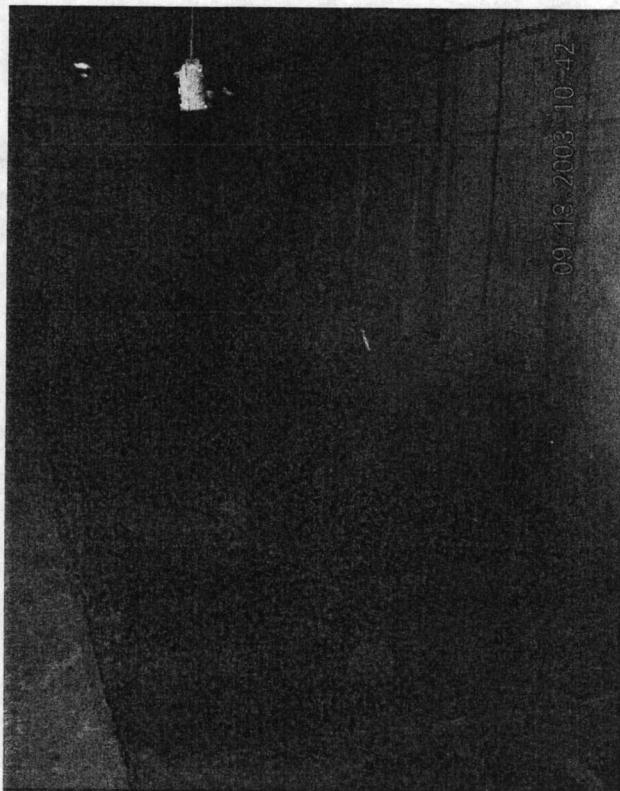
DATE: 18 September 2003

PHOTOGRAPHY BY: Abbey Spargo

TIME: 10:41 hours

CAMERA: Nikon CoolPix 3100

PHOTOGRAPHY LOG SHEET
Camden Yarns • Lewiston, Maine



SCENE: View of sample location PIT-03, collected from the western dye vat pit Photograph taken indoors.

DATE: 18 September 2003

PHOTOGRAPHY BY: John Burton

TIME: 10:42 hours

CAMERA: Nikon CoolPix 3100



SCENE: View of sample location SS-06 collected from the basement of the site building, near the discharge of an unidentified pipe. Photograph taken indoors.

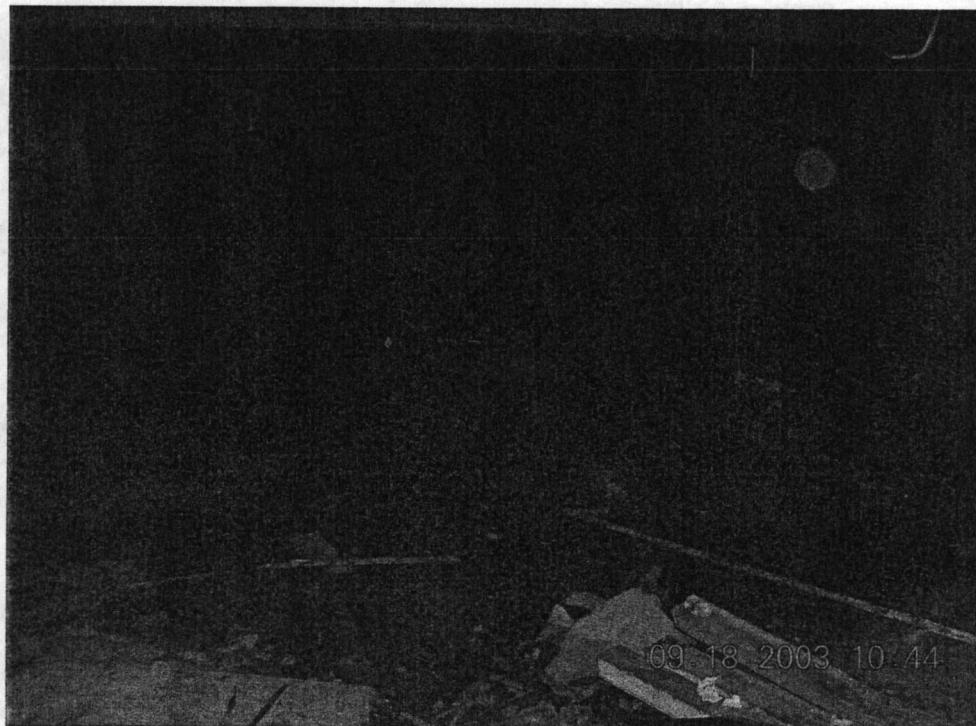
DATE: 18 September 2003

PHOTOGRAPHY BY: Abbey Spargo

TIME: 10:44 hours

CAMERA: Nikon CoolPix 3100

PHOTOGRAPHY LOG SHEET
Camden Yarns • Lewiston, Maine



SCENE: View of sample location SS-10, collected from the dirt floor of the central part of the basement. Photograph taken indoors.

DATE: 18 September 2003

PHOTOGRAPHY BY: John Burton

TIME: 10:44 hours

CAMERA: Nikon CoolPix 3100

Appendix D

Chain-of-Custody Record



WESTON Solutions, Inc START Region 1
Generic Chain of Custody

Reference Case:

Client No: 0622F

R

Region:	1
Project Code:	
Account Code:	
CERCLIS ID:	
Spill ID:	
Site Name/State:	Camden Yarns Inorganic/ME
Project Leader:	Mandy Butterworth
Action:	Preliminary Assessment
Sampling Co:	Weston Solutions Inc.

Date Shipped: 9/18/2003
Carrier Name: FedEx
Airbill: 837122718225
Shipped to: Sentinel Inc.
116 Washington Street,
NE
Huntsville AL 35801
(256) 534-9800

Chain of Custody Record

Sampler
Signature:

Relinquished By (Date / Time)

Received By (Date / Time)

1

2

3

4

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		QC Type
D11793	Soil (0"-3")		TALMet (14)	388 (Ice Only) (1)	SS-01	S: 9/18/2003	8:40	--
D11794	Soil (0"-3")		TALMet (14)	392 (Ice Only) (1)	SS-02	S: 9/18/2003	8:45	--
D11795	Soil (0"-3")		TALMet (14)	396 (Ice Only) (1)	SS-03	S: 9/18/2003	8:46	--
D11796	Soil (0"-3")		TALMet (14)	400 (Ice Only) (1)	SS-04	S: 9/18/2003	8:51	--
D11797	Soil (0"-3")		TALMet (14)	404 (Ice Only) (1)	SS-05	S: 9/18/2003	8:45	Field Duplicate
D11798	Soil (0"-3")		TALMet (14)	408 (Ice Only) (1)	SS-06	S: 9/18/2003	9:10	--
D11799	Soil (0"-3")		TALMet (14)	412 (Ice Only) (1)	SS-07	S: 9/18/2003	9:05	--
D11800	Soil (0"-3")		TALMet (14)	416 (Ice Only) (1)	SS-08	S: 9/18/2003	9:00	--
D11801	Soil (0"-3")		TALMet (14)	420 (Ice Only) (1)	SS-09	S: 9/18/2003	8:50	--
D11802	Soil (0"-3")		TALMet (14)	424 (Ice Only) (1)	SS-10	S: 9/18/2003	9:00	--
D11803	Waste		TALMet (14)	368 (Ice Only) (1)	PIT-01	S: 9/18/2003	9:45	--

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: D11797	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key: TALMet = TAL Metals	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced? _____

TR Number: 1-245588227-092403-0002

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: SHAW E & I, 88C Elm Street, Hopkinton, Massachusetts, 02072-4705

Phone 508-479-0876 Fax 508-261-1448

REGION COPY



WESTON Solutions, Inc START Region 1
Generic Chain of Custody

Reference Case:

Client No: 0622F

R

Region: 1	Date Shipped: 9/18/2003	Chain of Custody Record	
Project Code:	Carrier Name: FedEx	Reinquished By	(Date / Time)
Account Code:	Airbill: 837122718225	Received By	(Date / Time)
CERCLIS ID:	Shipped to: Sentinel Inc. 116 Washington Street, NE Huntsville AL 35801 (256) 534-9800	1	
Spill ID:		2	
Site Name/State: Camden Yarns Inorganic/ME		3	
Project Leader: Mandy Butterworth		4	
Action: Preliminary Assessment			
Sampling Co: Weston Solutions Inc.			

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		QC Type
D11804	Waste		TALMet (14)	372 (Ice Only) (1)	PIT-02	S: 9/18/2003	9:55	--
D11805	Waste		TALMet (14)	376 (Ice Only) (1)	PIT-03	S: 9/18/2003	10:05	--
D12736	PE Soil		TALMet (14)	702 (Ice Only) (1)	PE-05	S: 9/18/2003	14:00	PE

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: D11797	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key: TALMet = TAL Metals	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced? _____

TR Number: 1-24558227-092403-0002

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

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WESTON Solutions, Inc START Region 1
Generic Chain of Custody

Reference Case:

Client No: 0629F

R

Region:	1	Date Shipped:	9/18/2003	Chain of Custody Record		Sampler Signature:
Project Code:		Carrier Name:	FedEx			
Account Code:		Airbill:	838392260094			
CERCLIS ID:		Shipped to:	Laucks Testing Laboratories, Inc. 940 South Harney Street Seattle WA 98108 (206) 767-5060			
Spill ID:						
Site Name/State:	Camden Yarns Organic/ME					
Project Leader:	Mandy Butterworth					
Action:	Preliminary Assessment					
Sampling Co:	Weston Solutions Inc.					

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		QC Type
D11793	Soil (0"-3")		pest/PCB (14), SVOCs (14) VOC (14)	386 (Ice Only), 387 (Ice Only), 389 (CH3OH) (3)	SS-01	S: 9/18/2003	8:40	--
D11794	Soil (0"-3")		pest/PCB (14), SVOCs (14) VOC (14)	390 (Ice Only), 391 (Ice Only), 393 (CH3OH) (3)	SS-02	S: 9/18/2003	8:45	--
D11795	Soil (0"-3")		pest/PCB (14), SVOCs (14) VOC (14)	394 (Ice Only), 395 (Ice Only), 397 (CH3OH) (3)	SS-03	S: 9/18/2003	8:46	--
D11796	Soil (0"-3")		pest/PCB (14), SVOCs (14) VOC (14)	398 (Ice Only), 399 (Ice Only), 401 (CH3OH) (3)	SS-04	S: 9/18/2003	8:51	--
D11797	Soil (0"-3")		pest/PCB (14), SVOCs (14) VOC (14)	402 (Ice Only), 403 (Ice Only), 405 (CH3OH) (3)	SS-05	S: 9/18/2003	8:45	Field Duplicate
D11798	Soil (0"-3")		pest/PCB (14), SVOCs (14) VOC (14)	406 (Ice Only), 407 (Ice Only), 409 (CH3OH) (3)	SS-06	S: 9/18/2003	9:10	--
D11799	Soil (0"-3")		pest/PCB (14), SVOCs (14) VOC (14)	410 (Ice Only), 411 (Ice Only), 413 (CH3OH) (3)	SS-07	S: 9/18/2003	9:05	--
D11800	Soil (0"-3")		pest/PCB (14), SVOCs (14) VOC (14)	414 (Ice Only), 415 (Ice Only), 417 (CH3OH) (3)	SS-08	S: 9/18/2003	9:00	--
D11801	Soil (0"-3")		pest/PCB (14), SVOCs (14) VOC (14)	418 (Ice Only), 419 (Ice Only), 421 (CH3OH) (3)	SS-09	S: 9/18/2003	8:50	--
D11802	Soil (0"-3")		pest/PCB (14), SVOCs (14) VOC (14)	422 (Ice Only), 423 (Ice Only), 425 (CH3OH) (3)	SS-10	S: 9/18/2003	9:00	--
D11803	Waste		pest/PCB (14), SVOCs (14) VOC (14)	366 (Ice Only), 367 (Ice Only), 369 (CH3OH) (3)	PIT-01	S: 9/18/2003	9:45	--

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: D11797	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Shipment Iced? _____

pest/PCB = pest/PCB, SVOCs = SVOC, VOC = VOC

TR Number: 1-360078695-091803-0001

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

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REGION COPY



WESTON Solutions, Inc START Region 1
Generic Chain of Custody

Reference Case:

Client No: 0629F

R

Region:	1
Project Code:	
Account Code:	
CERCLIS ID:	
Spill ID:	
Site Name/State:	Camden Yarns Organic/ME
Project Leader:	Mandy Butterworth
Action:	Preliminary Assessment
Sampling Co:	Weston Solutions Inc.

Date Shipped: 9/18/2003
Carrier Name: FedEx
Airbill: 838392260094
Shipped to: Laucks Testing Laboratories, Inc.
940 South Harney Street
Seattle WA 98108
(206) 767-5060

Chain of Custody Record

Sampler
Signature:

Relinquished By (Date / Time)

Received By (Date / Time)

1

2

3

4

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No/ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME		QC Type
D11804	Waste		pest/PCB (14), SVOCs (14) VOC (14)	370 (Ice Only), 371 (Ice Only), 373 (CH3OH) (3)	PIT-02	S: 9/18/2003	9:55	--
D11805	Waste		pest/PCB (14), SVOCs (14) VOC (14)	374 (Ice Only), 375 (Ice Only), 377 (CH3OH) (3)	PIT-03	S: 9/18/2003	10:05	--
D11822	Field QC		VOC (14)	704 (CH3OH) (1)	TB-04	S: 9/18/2003	14:00	Trip Blank
D12732	PE Water		VOC (14)	701 (CH3OH) (1)	PE-01	S: 9/18/2003	14:00	PE
D12733	PE Water		SVOCs (14)	703 (Ice Only) (1)	PE-02	S: 9/18/2003	14:00	PE
D12734	PE Water	/G	pest/PCB (14)	700 (Ice Only) (1)	PE-03	S: 9/18/2003	14:00	PE
D12735	PE Soil		pest/PCB (14)	705 (Ice Only) (1)	PE-04	S: 9/18/2003	14:00	PE

Shipment for Case Complete? N	Sample(s) to be used for laboratory QC: D11797	Additional Sampler Signature(s):	Chain of Custody Seal Number:
Analysis Key:	Concentration: L = Low, M = Low/Medium, H = High pest/PCB = pest/PCB, SVOCs = SVOC, VOC = VOC	Type/Designate: Composite = C, Grab = G	Shipment Iced? _____

TR Number: 1-360078695-091803-0001

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: SHAW E & I, 88C Elm Street, Hopkinton, Massachusetts, 02072-4705

Phone 508-479-0876 Fax 508-261-1448

REGION COPY

Appendix E
Analytical Data

SITE: CAMDEN YARNS SITE
CASE: 0629F SDG: D11793
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 1
VOLATILE SOIL ANALYSES - MEDIUM LEVEL
NON-VALIDATED DATA
 $\mu\text{g}/\text{kg}$

	SAMPLE NUMBER: SAMPLE LOCATION: LABORATORY NUMBER:	D11793 SS-01 0309271-01	D11794 SS-02 0309271-02	D11795 SS-03 0309271-03	D11796 SS-04 0309271-04	D11797 SS-05 0309271-05
COMPOUND	CRQL					
Dichlorodifluoromethane	1200	1200 U				
Chloromethane	1200	1200 U				
Vinyl Chloride	1200	1200 U				
Bromomethane	1200	1200 UJ				
Chloroethane	1200	1200 UJ				
Trichlorofluoromethane	1200	1200 U				
1,1-Dichloroethene	1200	1200 U				
1,1,2-Trichloro-1,2,2-trifluoroethane	1200	1200 U				
Acetone	1200	1200 U	1200 U	64 J	1200 U	1200 U
Carbon Disulfide	1200	1200 U				
Methyl Acetate	1200	1200 U	1200 U	37 J	60 J	1200 U
Methylene Chloride	1200	1200 U				
trans-1,2-Dichloroethene	1200	1200 U				
Methyl tert-Butyl Ether	1200	1200 U				
1,1-Dichloroethane	1200	1200 U				
cis-1,2-Dichloroethene	1200	1200 U				
2-Butanone	1200	1200 U				
Chloroform	1200	150 J	1200 U	1200 U	1200 U	1200 U
1,1,1-Trichloroethane	1200	1200 U				
Cyclohexane	1200	1200 U				
Carbon Tetrachloride	1200	1200 U				
Benzene	1200	1200 U				
1,2-Dichloroethane	1200	1200 U				
Trichloroethene	1200	1200 U				
Methylcyclohexane	1200	1200 U				
1,2-Dichloropropane	1200	1200 U				
Bromodichloromethane	1200	1200 U				
cis-1,3-Dichloropropene	1200	1200 U				
4-Methyl-2-Pentanone	1200	1200 U				
Toluene	1200	1200 U				
trans-1,3-Dichloropropene	1200	1200 U				
1,1,2-Trichloroethane	1200	1200 U				
Tetrachloroethene	1200	1200 U				
2-Hexanone	1200	1200 U				
Dibromochloromethane	1200	1200 U				
1,2-Dibromoethane	1200	1200 U				
Chlorobenzene	1200	1200 U				
Ethylbenzene	1200	1200 U				
Xylene (Total)	1200	1200 U				
Styrene	1200	1200 U				
Bromoform	1200	1200 U				
Isopropylbenzene	1200	1200 U				
1,1,2,2-Tetrachloroethane	1200	1200 U				
1,3-Dichlorobenzene	1200	1200 U				
1,4-Dichlorobenzene	1200	1200 U				
1,2-Dichlorobenzene	1200	1200 U				
1,2-Dibromo-3-chloropropane	1200	1200 U				
1,2,4-Trichlorobenzene	1200	1200 U				
DILUTION FACTOR:		1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:		09/18/03	09/18/03	09/18/03	09/18/03	09/18/03
DATE ANALYZED:		09/23/03	09/23/03	09/24/03	09/24/03	09/24/03
% MOISTURE:		6	8	7	7	7

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: CAMDEN YARNS SITE
CASE: 0629F SDG: D11793
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 1
VOLATILE SOIL ANALYSES - MEDIUM LEVEL
NON-VALIDATED DATA
 $\mu\text{g/L}$

SAMPLE NUMBER:	D11798	D11799	D11800	D11801	D11802
SAMPLE LOCATION:	SS-06	SS-07	SS-08	SS-09	SS-10
LABORATORY NUMBER:	0309271-06	0309271-07	0309271-08	0309271-09	0309271-10
COMPOUND	CRQL				
Dichlorodifluoromethane	1200	1200 U	1200 U	1200 U	1200 U
Chloromethane	1200	1200 U	1200 U	1200 U	1200 U
Vinyl Chloride	1200	1200 U	1200 U	1200 U	1200 U
Bromomethane	1200	1200 U	1200 U	1200 U	1200 U
Chloroethane	1200	1200 U	1200 U	1200 U	1200 U
Trichlorofluoromethane	1200	1200 U	1200 U	1200 U	1200 U
1,1-Dichloroethene	1200	1200 U	1200 U	1200 U	1200 U
1,1,2-Trichloro-1,2,2-trifluoroethane	1200	1200 U	1200 U	1200 U	1200 U
Acetone	1200	1200 U	1200 U	1200 U	1200 U
Carbon Disulfide	1200	1200 U	1200 U	1200 U	1200 U
Methyl Acetate	1200	39 J	1200 U	320 J	140 J
Methylene Chloride	1200	1200 U J	1200 U	1200 U	1200 U
trans-1,2-Dichloroethene	1200	1200 U	1200 U	1200 U	1200 U
Methyl tert-Butyl Ether	1200	1200 U	1200 U	1200 U	1200 U
1,1-Dichloroethane	1200	1200 U	1200 U	1200 U	1200 U
cis-1,2-Dichloroethene	1200	1200 U	1200 U	1200 U	1200 U
2-Butanone	1200	1200 U	1200 U	1200 U	1200 U
Chloroform	1200	1200 U	1200 U	1200 U	320 J
1,1,1-Trichloroethane	1200	1200 U	1200 U	1200 U	1200 U
Cyclohexane	1200	1200 U	1200 U	1200 U	1200 U
Carbon Tetrachloride	1200	1200 U	1200 U	1200 U	1200 U
Benzene	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dichloroethane	1200	1200 U	1200 U	1200 U	1200 U
Trichloroethene	1200	1200 U	1200 U	1200 U	1200 U
Methylcyclohexane	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dichloropropane	1200	1200 U	1200 U	1200 U	1200 U
Bromodichloromethane	1200	1200 U	1200 U	1200 U	1200 U
cis-1,3-Dichloropropene	1200	1200 U	1200 U	1200 U	1200 U
4-Methyl-2-Pentanone	1200	1200 U	1200 U	1200 U	1200 U
Toluene	1200	1200 U	1200 U	52 J	1200 U
trans-1,3-Dichloropropene	1200	1200 U	1200 U	1200 U	1200 U
1,1,2-Trichloroethane	1200	1200 U	1200 U	1200 U	1200 U
Tetrachloroethene	1200	1200 U	1200 U	1200 U	1200 U
2-Hexanone	1200	1200 U	1200 U	1200 U	1200 U
Dibromochloromethane	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dibromoethane	1200	1200 U	1200 U	1200 U	1200 U
Chlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
Ethylbenzene	1200	1200 U	1200 U	1200 U	1200 U
Xylene (Total)	1200	1200 U	1200 U	70 J	1200 U
Styrene	1200	1200 U	1200 U	1200 U	1200 U
Bromoform	1200	1200 U	1200 U	1200 U	1200 U
Isopropylbenzene	1200	1200 U	1200 U	1200 U	1200 U
1,1,2,2-Tetrachloroethane	1200	1200 U	1200 U	1200 U	1200 U
1,3-Dichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
1,4-Dichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dibromo-3-chloropropane	1200	1200 U	1200 U	1200 U	1200 U
1,2,4-Trichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
DILUTION FACTOR:	1.0	1.0	1.0	1.0	1.0
DATE SAMPLED:	09/18/03	09/18/03	09/18/03	09/18/03	09/18/03
DATE ANALYZED:	09/24/03	09/24/03	09/24/03	09/24/03	09/24/03
% MOISTURE:	14	7	17	8	15

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: CAMDEN YARNS SITE
CASE: 0629F SDG: D11793
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 1
VOLATILE SOIL ANALYSES - MEDIUM LEVEL
NON-VALIDATED DATA
μg/L

	SAMPLE NUMBER: SAMPLE LOCATION: LABORATORY NUMBER:	D11803 PIT-01 0309271-11	D11804 PIT-02 0309271-12	D11805 PIT-03 0309271-13	D11822 TB-04 0309271-14
COMPOUND	CRQL				
Dichlorodifluoromethane	1200	1200 U	1200 U	1200 U	1200 U
Chloromethane	1200	1200 U	1200 U	1200 U	1200 U
Vinyl Chloride	1200	1200 U	1200 U	1200 U	1200 U
Bromomethane	1200	1200 U	1200 U	1200 U	1200 UUJ
Chloroethane	1200	1200 U	1200 U	1200 U	1200 UUJ
Trichlorofluoromethane	1200	1200 U	1200 U	1200 U	1200 U
1,1-Dichloroethene	1200	1200 U	1200 U	1200 U	1200 U
1,1,2-Trichloro-1,2,2-trifluoroethane	1200	1200 U	1200 U	1200 U	1200 U
Acetone	1200	1200 U	1200 U	1200 U	1200 U
Carbon Disulfide	1200	1200 U	1200 U	1200 U	1200 U
Methyl Acetate	1200	76 J	210 J	1200 U	1200 U
Methylene Chloride	1200	1200 U	1200 U	1200 U	1200 U
trans-1,2-Dichloroethene	1200	1200 U	1200 U	1200 U	1200 U
Methyl tert-Butyl Ether	1200	1200 U	1200 U	1200 U	1200 U
1,1-Dichloroethane	1200	1200 U	1200 U	1200 U	1200 U
cis-1,2-Dichloroethene	1200	1200 U	1200 U	1200 U	1200 U
2-Butanone	1200	1200 U	1200 U	1200 U	1200 U
Chloroform	1200	1200 U	1200 U	1200 U	1200 U
1,1,1-Trichloroethane	1200	1200 U	1200 U	1200 U	1200 U
Cyclohexane	1200	1200 U	1200 U	1200 U	1200 U
Carbon Tetrachloride	1200	1200 U	1200 U	1200 U	1200 U
Benzene	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dichloroethane	1200	1200 U	1200 U	1200 U	1200 U
Trichloroethene	1200	1200 U	1200 U	1200 U	1200 U
Methylcyclohexane	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dichloropropane	1200	1200 U	1200 U	1200 U	1200 U
Bromodichloromethane	1200	1200 U	1200 U	1200 U	1200 U
cis-1,3-Dichloropropene	1200	1200 U	1200 U	1200 U	1200 U
4-Methyl-2-Pentanone	1200	1200 U	1200 U	1200 U	1200 U
Toluene	1200	1200 U	1200 U	1200 U	1200 U
trans-1,3-Dichloropropene	1200	1200 U	1200 U	1200 U	1200 U
1,1,2-Trichloroethane	1200	1200 U	1200 U	1200 U	1200 U
Tetrachloroethene	1200	1200 U	1200 U	1200 U	1200 U
2-Hexanone	1200	1200 U	1200 U	1200 U	1200 U
Dibromochloromethane	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dibromoethane	1200	1200 U	1200 U	1200 U	1200 U
Chlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
Ethylbenzene	1200	1200 U	1200 U	1200 U	1200 U
Xylene (Total)	1200	1200 U	1200 U	1200 U	1200 U
Styrene	1200	1200 U	1200 U	1200 U	1200 U
Bromoform	1200	1200 U	1200 U	1200 U	1200 U
Isopropylbenzene	1200	1200 U	1200 U	1200 U	1200 U
1,1,2,2-Tetrachloroethane	1200	1200 U	1200 U	1200 U	1200 U
1,3-Dichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
1,4-Dichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
1,2-Dibromo-3-chloropropane	1200	1200 U	1200 U	1200 U	1200 U
1,2,4-Trichlorobenzene	1200	1200 U	1200 U	1200 U	1200 U
DILUTION FACTOR:					
DATE SAMPLED:					
DATE ANALYZED:					
% MOISTURE:					

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: CAMDEN YARNS SITE
CASE: 0629F SDG: D11793
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 2
SEMOVOLATILE SOIL ANALYSES
NON-VALIDATED DATA
 $\mu\text{g}/\text{kg}$

	SAMPLE NUMBER: SS-01	D11793	D11794 SS-02	D11795 SS-03	D11796 SS-04	D11797 SS-05	D11798 SS-06
	SAMPLE LOCATION: LABORATORY NUMBER:	0309271-01	0309271-02	0309271-03	0309271-04	0309271-05	0309271-06
COMPOUND	CRQL						
Benzaldehyde	330	350 U	360 U	710 U	1400 U	350 U	220 J
Phenol	330	350 U	360 U	710 U	1400 U	350 U	1500 U
bis(2-Chloroethyl)Ether	330	350 U	360 U	710 U	1400 U	350 U	1500 U
2-Chlorophenol	330	350 U	360 U	710 U	1400 U	350 U	1500 U
2-Methylphenol	330	350 U	360 U	710 U	1400 U	350 U	1500 U
2,2'-oxybis(1-Chloropropane)	330	350 UJ	360 UJ	710 UJ	1400 UJ	350 UJ	1500 UJ
Acetophenone	330	350 U	360 U	710 U	1400 U	350 U	680 J
4-Methylphenol	330	350 U	360 U	710 U	1400 U	350 U	1500 U
N-Nitroso-di-n-propylamine	330	350 U	360 U	710 U	1400 U	350 U	1500 U
Hexachloroethane	330	350 U	360 U	710 U	1400 U	350 U	1500 U
Nitrobenzene	330	350 U	360 U	710 U	1400 U	350 U	1500 U
Isophorone	330	350 U	360 U	710 U	1400 U	350 U	1500 U
2-Nitrophenol	330	350 U	360 U	710 U	1400 U	350 U	1500 U
2,4-Dimethylphenol	330	350 U	360 U	710 U	1400 U	350 U	1500 U
bis(2-Chloroethoxy)methane	330	350 U	360 U	710 U	1400 U	350 U	1500 U
2,4-Dichlorophenol	330	350 U	360 U	710 U	1400 U	350 U	1500 U
Naphthalene	330	56 J	360 U	76 J	480 J	350 U	1500 U
4-Chloroaniline	330	350 U	360 U	710 U	1400 U	350 U	1500 U
Hexachlorobutadiene	330	350 U	360 U	710 U	1400 U	350 U	1500 U
Caprolactam	330	350 U	360 U	710 U	1400 U	350 U	1500 U
4-Chloro-3-methylphenol	330	350 U	360 U	710 U	1400 U	350 U	1500 U
2-Methylnaphthalene	330	48 J	360 U	75 J	410 J	40 J	1500 U
Hexachlorocyclopentadiene	330	350 UJ	360 UJ	710 UJ	1400 UJ	350 UJ	1500 UJ
2,4,6-Trichlorophenol	330	350 U	360 U	710 U	1400 U	350 U	1500 U
2,4,5-Trichlorophenol	830	880 U	900 U	1800 U	3600 U	890 U	3900 U
1,1'-Biphenyl	330	350 U	360 U	710 U	170 J	350 U	1500 U
2-Chloronaphthalene	330	350 U	360 U	710 U	1400 U	350 U	1500 U
2-Nitroaniline	830	880 U	900 U	1800 U	3600 U	890 U	3900 U
Dimethylphthalate	330	350 U	360 U	710 U	1400 U	350 U	1500 U
2,6-Dinitrotoluene	330	350 U	360 U	710 U	1400 U	350 U	1500 U
Acenaphthylene	330	350 U	360 U	710 U	1400 U	350 U	1500 U
3-Nitroaniline	830	880 U	900 U	1800 U	3600 U	890 U	3900 U
Acenaphthene	330	230 J	360 U	630 J	2300	62 J	1500 U
2,4-Dinitrophenol	830	880 UJ	900 UJ	1800 UJ	3600 UJ	890 UJ	3900 UJ
4-Nitrophenol	830	880 U	900 U	1800 U	3600 U	890 U	3900 U
Dibenzofuran	330	120 J	360 U	280 J	1300 J	39 J	1500 U
2,4-Dinitrotoluene	330	350 U	360 U	710 U	1400 U	350 U	1500 U
Diethylphthalate	330	350 U	360 U	710 U	1400 U	350 U	1500 U
Fluorene	330	180 J	360 U	540 J	1900	45 J	1500 U
4-Chlorophenyl-phenylether	330	350 U	360 U	710 U	1400 U	350 U	1500 U
4-Nitroaniline	830	880 U	900 U	1800 U	3600 U	890 U	3900 U
4,6-Dinitro-2-methylphenol	830	880 U	900 U	1800 U	3600 U	890 U	3900 U
N-Nitrosodiphenylamine (1)	330	350 U	360 U	710 U	1400 U	350 U	1500 U
4-Bromophenyl-phenylether	330	350 U	360 U	710 U	1400 U	350 U	1500 U
Hexachlorobenzene	330	350 U	360 U	710 U	1400 U	350 U	1500 U
Atrazine	330	350 U	360 U	710 U	1400 U	350 U	1500 U
Pentachlorophenol	830	880 U	900 U	1800 U	3600 U	890 U	3900 U
Phanthrene	330	1900	110 J	4300	*19000	510	1500 U
Anthracene	330	470	360 U	1200	3500	72 J	1500 U
Carbazole	330	330 J	360 U	740	2800	74 J	1500 U
Di-n-butylphthalate	330	350 U	100 J	80 J	1400 U	110 J	1500 U
Fluoranthene	330	2300	190 J	5300	*23000	740	1500 U
Pyrene	330	*3300	160 J	5100	*22000	710	1500 UJ
Butylbenzylphthalate	330	350 U	360 U	710 U	1400 U	350 U	1500 UJ
3,3'-Dichlorobenzidine	330	350 U	360 U	710 U	1400 U	350 U	1500 UJ
Benzo(a)anthracene	330	1500	78 J	3000	*12000	340 J	1500 UJ
Chrysene	330	1600	94 J	2900	10000	420	1500 UJ
bis(2-Ethylhexyl)phthalate	330	480	370	160 J	390 J	470	500 J
Di-n-octylphthalate	330	160 J	360 U	710 U	1400 U	60 J	1500 UJ
Benzo(b)fluoranthene	330	1700 J	110 J	3100	*14000	490	1500 UJ
Benzo(k)fluoranthene	330	1200 J	56 J	2000	6800	300 J	1500 UJ
Benzo(a)pyrene	330	1300 J	64 J	2500	8800	330 J	1500 UJ
Indeno(1,2,3-cd)pyrene	330	590 J	37 J	1100	4200	160 J	1500 UJ
Dibenzo(a,h)anthracene	330	170 J	360 U	300 J	1400 U	48 J	1500 UJ
Benzo(g,h,i)perylene	330	620 J	38 J	1100	4400	160 J	1500 UJ
DILUTION FACTOR:	1.0/2.0*	1.0	2.0	4.0	1.0	4.0	
DATE SAMPLED:	09/18/03	09/18/03	09/18/03	09/18/03	09/18/03	09/18/03	09/18/03
DATE EXTRACTED:	09/25/03	09/25/03	09/25/03	09/25/03	09/25/03	09/25/03	09/25/03
DATE ANALYZED:	09/30/03	09/30/03	09/30/03	09/30/03	09/30/03	09/30/03	10/01/03
% MOISTURE:	6	8	7	7	7	7	14:

* - Result reported from diluted analysis.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: CAMDEN YARNS SITE
CASE: 0629F SDG: D11793
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 2
SEMIVOLATILE SOIL ANALYSES
NON-VALIDATED DATA
μg/kg

	SAMPLE NUMBER: SAMPLE LOCATION: LABORATORY NUMBER:	D11799 SS-07 0309271-07	D11800 SS-08 0309271-08	D11801 SS-09 0309271-09	D11802 SS-10 0309271-10RE	D11803 PIT-01 0309271-11	D11804 PIT-02 0309271-12
COMPOUND	CRQL						
Benzaldehyde	330	350 U	260 J	51 J	76 J	400 J	1700 U
Phenol	330	350 U	1600 U	360 U	390 U	1700 U	1700 U
bis(2-Chloroethyl)Ether	330	350 U	1600 U	360 U	390 U	1700 U	1700 U
2-Chlorophenol	330	350 U	1600 U	360 U	390 U	1700 U	1700 U
2-Methylphenol	330	350 U	1600 U	360 U	390 U	1700 U	1700 U
2,2'-oxybis(1-Chloropropane)	330	350 IJ	1600 UJ	360 U	390 U	1700 UJ	1700 UJ
Acetophenone	330	350 U	220 J	360 U	390 U	520 J	1700 U
4-Methylphenol	330	350 U	1600 U	360 U	390 U	1700 U	1700 U
N-Nitroso-di-n-propylamine	330	350 U	1600 U	360 U	390 U	1700 U	1700 U
Hexachloroethane	330	350 U	1600 U	360 U	390 U	1700 U	1700 U
Nitrobenzene	330	350 U	1600 U	360 U	390 U	1700 U	1700 U
Isophorone	330	350 U	1600 U	360 U	390 U	1700 U	1700 U
2-Nitrophenol	330	350 U	1600 U	360 U	390 U	1700 U	1700 U
2,4-Dimethylphenol	330	350 U	1600 U	360 U	390 U	1700 U	1700 U
bis(2-Chloroethoxy)methane	330	350 U	1600 U	360 U	390 U	1700 U	1700 U
2,4-Dichlorophenol	330	350 U	1600 U	360 U	390 U	1700 U	1700 U
Naphthalene	330	59 J	910 J	360 U	390 U	1700 U	1700 U
4-Chloroaniline	330	350 U	1600 U	360 U	390 U	1700 U	1700 U
Hexachlorobutadiene	330	350 U	1600 U	360 U	390 U	1700 U	1700 U
Caprolactam	330	350 U	1600 U	360 U	390 U	1700 U	1700 U
4-Chloro-3-methylphenol	330	350 U	1600 U	360 U	390 U	1700 U	1700 U
2-Methylnaphthalene	330	54 J	1000 J	360 U	390 U	1700 U	1700 U
Hexachlorocyclopentadiene	330	350 UJ	1600 UJ	360 UJ	390 UJ	1700 UJ	1700 UJ
2,4,6-Trichlorophenol	330	350 U	1600 U	360 U	390 U	1700 U	1700 U
2,4,5-Trichlorophenol	830	890 U	4000 U	900 U	980 U	4300 U	4200 U
1,1'-Biphenyl	330	350 U	1600 U	360 U	390 U	250 J	1700 U
2-Chloronaphthalene	330	350 U	1600 U	360 U	390 U	1700 U	1700 U
2-Nitroaniline	830	890 U	4000 U	900 U	980 U	4300 U	4200 U
Dimethylphthalate	330	350 U	630 J	360 U	390 U	1700 U	1700 U
2,6-Dinitrotoluene	330	350 U	1600 U	360 U	390 U	1700 U	1700 U
Acenaphthylene	330	52 J	830 J	360 U	390 U	1700 U	1700 U
3-Nitroaniline	830	890 U	4000 U	900 U	980 U	4300 U	4200 U
Acenaphthene	330	350 U	300 J	360 U	390 U	1700 U	1700 U
2,4-Dinitrophenol	830	890 UJ	4000 UJ	900 U	980 U	4300 UJ	4200 UJ
4-Nitrophenol	830	890 U	4000 U	900 UJ	980 UJ	4300 U	4200 U
Dibenzofuran	330	350 U	270 J	360 U	390 U	1700 U	1700 U
2,4-Dinitrotoluene	330	350 U	1600 U	360 U	390 U	1700 U	1700 U
Diethylphthalate	330	350 U	1600 U	360 U	390 U	1700 U	1700 U
Fluorene	330	350 U	410 J	360 U	390 U	1700 U	1700 U
4-Chlorophenyl-phenylether	330	350 U	1600 U	360 U	390 U	1700 U	1700 U
4-Nitroaniline	830	890 U	4000 U	900 U	980 U	4300 U	4200 U
4,6-Dinitro-2-methylphenol	830	890 U	4000 U	900 U	980 U	4300 U	4200 U
N-Nitrosodiphenylamine (1)	330	350 U	1600 U	360 U	390 U	1700 U	1700 U
4-Bromophenyl-phenylether	330	350 U	1600 U	360 U	390 U	1700 U	1700 U
Hexachlorobenzene	330	350 U	1600 U	360 U	390 U	1700 U	1700 U
Atrazine	330	350 U	1600 U	360 U	390 U	1700 U	1700 U
Pentachlorophenol	830	890 U	4000 U	900 U	980 U	4300 U	4200 U
Phenanthere	330	340 J	4300 J	180 J	390 U	370 J	1700 U
Anthracene	330	68 J	1000 J	360 U	390 U	1700 U	1700 U
Carbazole	330	47 J	440 J	360 U	390 U	1700 U	1700 U
Di-n-butylphthalate	330	140 J	1600 U	62 J	68 J	1700 U	1700 U
Fluoranthere	330	580	4100	380	390 U	410 J	1700 U
Pyrene	330	910	11000 J	360 U	390 UJ	590 J	1700 U
Butylbenzylphthalate	330	38 J	1600 UJ	360 U	390 UJ	1700 U	1700 U
3,3'-Dichlorobenzidine	330	350 U	1600 UJ	360 U	390 UJ	1700 U	1700 U
Benz(a)anthracene	330	400	4300 J	160 J	390 UJ	260 J	1700 U
Chrysene	330	480	4800 J	220 J	390 UJ	260 J	1700 U
bis(2-Ethylhexyl)phthalate	330	210 J	2300 J	210 J	200 J	2400	2300
Di-n-octylphthalate	330	350 UJ	1600 UJ	360 U	390 UJ	1700 UJ	1700 UJ
Benz(b)fluoranthene	330	720 J	5500 J	290 J	390 UJ	510 J	1700 UJ
Benz(k)fluoranthene	330	340 J	3900 J	150 J	390 UJ	1700 UJ	1700 UJ
Benz(a)pyrene	330	410 J	4300 J	170 J	390 UJ	220 J	1700 UJ
Indeno(1,2,3-cd)pyrene	330	290 J	3400 J	88 J	390 UJ	1700 UJ	1700 UJ
Dibenzo(a,h)anthracene	330	89 J	910 J	360 U	390 UJ	1700 UJ	1700 UJ
Benz(g,h,i)perylene	330	340 J	4100 J	100 J	390 UJ	1700 UJ	1700 UJ
DILUTION FACTOR:		1.0	4.0	1.0	1.0	4.0	4.0
DATE SAMPLED:		09/18/03	09/18/03	09/18/03	09/18/03	09/18/03	09/18/03
DATE EXTRACTED:		09/25/03	09/25/03	09/25/03	09/25/03	09/25/03	09/25/03
DATE ANALYZED:		09/30/03	09/30/03	10/01/03	10/01/03	09/30/03	09/30/03
% MOISTURE:		7	17	8	15	23	20

* - Result reported from diluted analysis.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: CAMDEN YARNS SITE
CASE: 0629F SDG: D11793
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 2
SEMOVOLATILE SOIL ANALYSES
NON-VALIDATED DATA
μg/kg

	SAMPLE NUMBER:	D11805
	SAMPLE LOCATION:	PIT-03
	LABORATORY NUMBER:	0309271-13RE
COMPOUND	CRQL	
Benzaldehyde	330	1500 U
Phenol	330	1500 U
bis(2-Chloroethyl)Ether	330	1500 U
2-Chlorophenol	330	1500 U
2-Methylphenol	330	1500 U
2,2'-oxybis(1-Chloropropane)	330	1500 U
Acetophenone	330	1500 U
4-Methylphenol	330	1500 U
N-Nitroso-di-n-propylamine	330	1500 U
Hexachloroethane	330	1500 U
Nitrobenzene	330	1500 U
Isophorone	330	1500 U
2-Nitrophenol	330	1500 U
2,4-Dimethylphenol	330	1500 U
bis(2-Chloroethoxy)methane	330	1500 U
2,4-Dichlorophenol	330	1500 U
Naphthalene	330	1500 U
4-Chloroaniline	330	1500 U
Hexachlorobutadiene	330	1500 U
Caprolactam	330	1500 U
4-Chloro-3-methylphenol	330	1500 U
2-Methylnaphthalene	330	1500 U
Hexachlorocyclopentadiene	330	1500 UJ
2,4,6-Trichlorophenol	330	1500 U
2,4,5-Trichlorophenol	830	3700 U
1,1'-Biphenyl	330	230 J
2-Chloronaphthalene	330	1500 U
2-Nitroaniline	830	3700 U
Dimethylphthalate	330	1500 U
2,6-Dinitrotoluene	330	1500 U
Acenaphthylene	330	1500 U
3-Nitroaniline	830	3700 U
Acenaphthene	330	1500 U
2,4-Dinitrophenol	830	3700 U
4-Nitrophenol	830	3700 UJ
Dibenzofuran	330	1500 U
2,4-Dinitrotoluene	330	1500 U
Diethylphthalate	330	1500 U
Fluorene	330	1500 U
4-Chlorophenyl-phenylether	330	1500 U
4-Nitroaniline	830	3700 U
4,6-Dinitro-2-methylphenol	830	3700 U
N-Nitrosodiphenylamine (1)	330	1500 U
4-Bromophenyl-phenylether	330	1500 U
Hexachlorobenzene	330	1500 U
Atrazine	330	1500 U
Pentachlorophenol	830	3700 U
Phenanthrene	330	1500 U
Anthracene	330	1500 U
Carbazole	330	1500 U
Di-n-butylphthalate	330	1500 U
Fluoranthene	330	150 J
Pyrene	330	220 J
Butylbenzylphthalate	330	1500 U
3,3'-Dichlorobenzidine	330	1500 U
Benzo(a)anthracene	330	1500 U
Chrysene	330	1500 U
bis(2-Ethylhexyl)phthalate	330	1000 J
Di-n-octylphthalate	330	1500 UJ
Benzo(b)fluoranthene	330	1500 UJ
Benzo(k)fluoranthene	330	1500 UJ
Benzo(a)pyrene	330	1500 UJ
Indeno(1,2,3-cd)pyrene	330	1500 UJ
Dibenzo(a,h)anthracene	330	1500 UJ
Benzo(g,h,i)perylene	330	1500 UJ

DILUTION FACTOR: 4.0
DATE SAMPLED: 09/18/03
DATE EXTRACTED: 09/25/03
DATE ANALYZED: 10/01/03
% MOISTURE: 10

* - Result reported from diluted analysis.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: CAMDEN YARNS SITE
CASE: 0629F SDG: D11793
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 3
PESTICIDE/POLYCHLORINATED BIPHENYL SOIL ANALYSES
NON-VALIDATED DATA
 $\mu\text{g}/\text{kg}$

SAMPLE NUMBER:	D11793	D11794	D11795	D11796	D11797	D11798
SAMPLE LOCATION:	SS-01	SS-02	SS-03	SS-04	SS-05	SS-06
LABORATORY NUMBER:	0309271-01	0309271-02	0309271-03	0309271-04	0309271-05	0309271-06
COMPOUND	CRQL					
alpha-BHC	1.7	1.8 U	1.8 U	1.8 U	1.8 U	5.3 U
beta-BHC	1.7	1.8 U	1.8 U	1.8 U	1.8 U	5.3 U
delta-BHC	1.7	1.8 U	1.8 U	1.8 U	1.8 U	5.3 U
gamma-BHC (Lindane)	1.7	1.8 U	1.8 U	1.8 U	1.8 U	5.3 U
Heptachlor	1.7	2.0 J	1.8 U	2.1 J	2.6 J	1.8 J
Aldrin	1.7	1.8 U	1.8 U	1.8 U	1.8 U	5.3 U
Heptachlor Epoxide	1.7	1.8 U	1.8 U	1.8 U	1.8 U	*53 U
Endosulfan I	1.7	1.8 U	1.8 U	1.8 U	1.8 U	5.3 U
Dieldrin	3.3	3.5 U	3.6 U	3.5 U	*18 U	3.6 U
4,4'-DDE	3.3	3.5 U	3.6 U	3.5 U	3.5 U	3.6 U
Endrin	3.3	3.5 U	3.6 U	3.5 U	3.5 U	3.6 U
Endosulfan II	3.3	3.5 U	3.6 U	3.5 U	3.5 U	3.6 U
4,4'-DDD	3.3	3.5 U	3.6 U	3.5 U	3.5 U	3.6 U
Endosulfan Sulfate	3.3	3.5 U	3.6 U	3.5 U	4.4 J	3.6 U
4,4'-DDT	3.3	3.5 U	3.6 U	3.5 U	3.5 U	3.6 U
Methoxychlor	17	18 U	18 U	23 J	75	12 J
Endrin Ketone	3.3	R	3.6 U	8.1 J	29	2.9 J
Endrin Aldehyde	3.3	3.5 U	3.6 U	3.5 U	3.5 U	3.6 U
alpha-Chlordane	1.7	1.8 U	1.8 U	1.8 U	1.8 U	5.3 U
gamma-Chlordane	1.7	1.8 U	1.8 U	1.8 U	1.8 U	*53 U
Toxaphene	170	180 U				
Aroclor-1016	33	35 U	36 U	35 U	35 U	36 U
Aroclor-1221	67	71 U	73 U	72 U	72 U	73 U
Aroclor-1232	33	35 U	36 U	35 U	35 U	36 U
Aroclor-1242	33	35 U	36 U	35 U	35 U	36 U
Aroclor-1248	33	35 U	36 U	35 U	35 U	36 U
Aroclor-1254	33	35 U	36 U	35 U	450	36 U
Aroclor-1260	33	35 U	36 U	35 U	35 U	36 U
DILUTION FACTOR:	1	1	1	1/5*	1	3/30*
DATE SAMPLED:	09/18/03	09/18/03	09/18/03	09/18/03	09/18/03	09/18/03
DATE EXTRACTED:	09/25/03	09/25/03	09/25/03	09/25/03	09/25/03	09/25/03
DATE ANALYZED:	10/08/03	10/08/03	10/08/03	10/08/03	10/08/03	10/23/03
% MOISTURE:	6	8	7	7	7	14

* - RESULT REPORTED FROM DILUTED ANALYSIS.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: CAMDEN YARNS SITE
CASE: 0629F SDG: D11793
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 3
PESTICIDE/POLYCHLORINATED BIPHENYL SOIL ANALYSES
NON-VALIDATED DATA
μg/kg

SAMPLE NUMBER:	D11799	D11800	D11801	D11802	D11803	D11804
SAMPLE LOCATION:	SS-07	SS-08	SS-09	SS-10	PIT-01	PIT-02
LABORATORY NUMBER:	0309271-07	0309271-08	0309271-09	0309271-10	0309271-11	0309271-12
COMPOUND	CRQL					
alpha-BHC	1.7	1.8 U	5.5 U	1.8 U	R	4.4 U
beta-BHC	1.7	1.8 U	5.5 U	1.8 U	2.0 U	4.4 U
delta-BHC	1.7	1.8 U	5.5 U	1.8 U	*22 J	4.4 U
gamma-BHC (Lindane)	1.7	R	5.5 U	1.8 U	2.0 U	4.4 U
Heptachlor	1.7	*7.3 U	*55 U	1.8 U	2.0 U	10
Aldrin	1.7	1.8 U	5.5 U	1.8 U	2.0 U	4.4 U
Heptachlor Epoxide	1.7	1.8 U	5.5 U	1.8 U	2.3	4.4 U
Endosulfan I	1.7	1.8 U	5.5 U	1.8 U	2.0 U	4.4 U
Dieldrin	3.3	*18 J	*110 U	3.6 U	*140	*710
4,4'-DDE	3.3	3.5 U	11 U	3.6 U	10	8.6 U
Endrin	3.3	R	11 U	3.6 U	13 J	43 J
Endosulfan II	3.3	3.5 U	11 U	3.6 U	3.9 U	8.6 U
4,4'-DDD	3.3	3.5 U	*110 U	3.6 U	3.9 U	8.6 U
Endosulfan Sulfate	3.3	3.5 U	11 U	3.6 U	3.9 U	8.6 U
4,4'-DDT	3.3	3.5 U	R	3.6 U	3.9 U	8.6 U
Methoxychlor	17	*73 U	55 U	18 U	20 U	44 U
Endrin Ketone	3.3	34 J	R	3.6 U	4.1 J	8.6 U
Endrin Aldehyde	3.3	3.5 U	11 U	3.6 U	3.9 U	8.6 U
alpha-Chlordane	1.7	*7.3 U	24 J	1.8 U	2.0 U	4.4 U
gamma-Chlordane	1.7	5.9 J	67 J	1.8 U	2.0 U	4.4 U
Toxaphene	170	180 U	550 U	180 U	200 U	440 U
Aroclor-1016	33	35 U	110 U	36 U	39 U	86 U
Aroclor-1221	67	72 U	220 U	73 U	79 U	170 U
Aroclor-1232	33	35 U	110 U	36 U	39 U	86 U
Aroclor-1242	33	35 U	110 U	36 U	39 U	86 U
Aroclor-1248	33	35 U	110 U	36 U	39 U	86 U
Aroclor-1254	33	35 U	110 U	36 U	39 U	86 U
Aroclor-1260	33	*840 J	110 U	36 U	39 U	86 U
DILUTION FACTOR:	1/4*	3/30*	1	1/10*	2/20*	1/10*
DATE SAMPLED:	09/18/03	09/18/03	09/18/03	09/18/03	09/18/03	09/18/03
DATE EXTRACTED:	09/25/03	09/25/03	09/25/03	09/25/03	09/25/03	09/25/03
DATE ANALYZED:	10/08/03	10/23/03	10/08/03	10/12/03	10/22/03	10/08/03
% MOISTURE:	7	17	8	15	23	20

* - RESULT REPORTED FROM DILUTED ANALYSIS.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: CAMDEN YARNS SITE
CASE: 0629F SDG: D11793
LABORATORY: LAUCKS TESTING LABORATORIES

TABLE 3
PESTICIDE/POLYCHLORINATED BIPHENYL SOIL ANALYSES
NON-VALIDATED DATA
µg/kg

SAMPLE NUMBER: D11805
SAMPLE LOCATION: PIT-03
LABORATORY NUMBER: 0309271-13

COMPOUND CRQL

alpha-BHC	1.7	1.9 U
beta-BHC	1.7	1.9 U
delta-BHC	1.7	1.9 U
gamma-BHC (Lindane)	1.7	*9.4 U
Heptachlor	1.7	1.9 U
Aldrin	1.7	1.9 U
Heptachlor Epoxide	1.7	1.9 U
Endosulfan I	1.7	*9.4 U
Dieldrin	3.3	*230
4,4'-DDE	3.3	3.7 U
Endrin	3.3	32 J
Endosulfan II	3.3	3.7 U
4,4'-DDD	3.3	3.7 U
Endosulfan Sulfate	3.3	3.7 U
4,4'-DDT	3.3	3.7 U
Methoxychlor	17	19 U
Endrin Ketone	3.3	3.7 U
Endrin Aldehyde	3.3	3.7 U
alpha-Chlordane	1.7	1.9 U
gamma-Chlordane	1.7	*9.4 U
Toxaphene	170	190 U
Aroclor-1016	33	37 U
Aroclor-1221	67	74 U
Aroclor-1232	33	37 U
Aroclor-1242	33	37 U
Aroclor-1248	33	37 U
Aroclor-1254	33	37 U
Aroclor-1260	33	37 U

DILUTION FACTOR: 1/5*
DATE SAMPLED: 09/18/03
DATE EXTRACTED: 09/25/03
DATE ANALYZED: 10/08/03
% MOISTURE: 10

* - RESULT REPORTED FROM DILUTED ANALYSIS.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: CAMDEN YARNS
CASE: 0622F SDG: D11793
LABORATORY: SENTINEL, INC.

TABLE 1
INORGANIC SOIL ANALYSES
mg/kg

SAMPLE NUMBER:	D11793	D11794	D11795	D11796	D11797	D11798	D11799
SAMPLE LOCATION:	SS-01	SS-02	SS-03	SS-04	SS-05	SS-06	SS-07
LABORATORY NUMBER:	51447	51448	51449	51450	51451	51452	51453
PERCENT SOLIDS:	93.4	93.0	94.2	93.8	93.7	86.4	93.3

INORGANIC ANALYTES		INSTRUMENT DETECTION LIMITS (mg/kg)							CONTRACT DETECTION LIMITS (mg/kg)		
	ref. TRESP	METHOD	D11793	D11794	D11795	D11796	D11797	D11798	D11799		
ALUMINUM		P	8.5	4900	6540	5210	5980	5800	4140	11900	40
ANTIMONY		P	1.0	1.5 J	1.1 U	1.1 U	3.3	1.1 U	21.8	4.4	12
ARSENIC	10	P	0.86	6.2	11.9	5.7	8.2	6.0	1.5 J	8.1	2
BARIUM		P	0.34	38.2	28.2	34.7	38.5	41.1	16.6	209	40
BERYLLIUM		P	0.04	0.16	0.21	0.24	0.18	0.19	0.06 J	0.21	1
CADMIUM		P	0.16	0.17 U	0.17 U	0.17 U	0.19 J	0.28 J	0.35 J	7.7	1
CALCIUM		P	97.7	2060	1130	1140	1630	1570	1190	2450	1000
CHROMIUM		P	0.24	15.9	16.0	10.8	17.5	13.6	31.0	24.3	2
COBALT		P	0.28	4.7	5.3	5.9	5.8	4.8	4.0	6.0 J	10
COPPER		P	0.32	20.8	12.3	25.3	25.0	46.6	57.0	919	5
IRON	325	P	5.3	12900	8420	9430	16200	9880	17200	26700	20
LEAD	700	P	0.50	138	4.8	50.4	54.7	80.2	251	622	0.6
MAGNESIUM		P	7.2	1700	2510	1730	2220	1990	1840	1930	1000
MANGANESE		P	0.32	144	141	300	210	138	110	238	3
MERCURY		CV	0.05	0.05 U	0.05 U	0.18	0.37	0.20	0.07 J	1.9	0.1
NICKEL		P	0.40	16.3	15.5	31.8	22.8	15.5	16.8	45.6	8
POTASSIUM		P	5.4	1040	1640	950	1520	1160	1020	1110	1000
SELENIUM		P	0.64	1.1	0.69 U	0.68 U	1.0 J	0.73 J	1.2	1.5	1
SILVER		P	0.44	0.47 U	0.51 U	0.47 UJ	2				
SODIUM		P	89.7	183 J	197	184 J	141 J	218	181 J	1560 J	1000
THALLIUM		P	1.0	1.1 UJ	1.2 UJ	1.1 UJ	2				
VANADIUM		P	0.28	35.2	15.7	32.5	84.0	33.1	16.5	22.5	10
ZINC		P	2.3	60.1	33.6	70.4	126	110	125	2120	4

ANALYTICAL METHOD

P - ICP
CV - COLD VAPOR

NOTE:

J = QUANTITATION IS ESTIMATED DUE TO LIMITATIONS IDENTIFIED
IN THE QUALITY CONTROL REVIEW (DATA REVIEW).

U = VALUE IS NON-DETECTED.

UJ = VALUE IS NON-DETECTED AND DETECTION LIMIT IS ESTIMATED.

R = VALUE IS REJECTED.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.

SITE: CAMDEN YARNS
CASE: 0622F SDG: D11793
LABORATORY: SENTINEL, INC.

TABLE 1
INORGANIC SOIL ANALYSES
mg/kg

SAMPLE NUMBER:	D11800	D11801	D11802	D11803	D11804	D11805
SAMPLE LOCATION:	SS-08	SS-09	SS-10	PIT-01	PIT-02	PIT-03
LABORATORY NUMBER:	51454	51455	51456	51457	51458	51459
PERCENT SOLIDS:	83.4	92.4	83.8	76.0	78.5	89.4

INORGANIC ANALYTES	METHOD	INSTRUMENT DETECTION LIMITS (mg/kg)	D11800	D11801	D11802	D11803	D11804	D11805	CONTRACT DETECTION LIMITS (mg/kg)
ALUMINUM	P	8.5	8360	5610	10300	2600	4300	5850	40
ANTIMONY	P	1.0	34.8	1.1 U	1.2 U	106	546	43.5	12
ARSENIC	P	0.86	(13.2)	3.0	2.0 J	9.7	9.5	9.1	2
BARIUM	P	0.34	1760	25.8	33.5	22.0	25.6	63.3	40
BERYLLIUM	P	0.04	0.19	0.17	0.23	0.06 J	0.33	0.29	1
CADMUM	P	0.16	24.4	0.17 U	0.26 J	0.21 UJ	1.8 J	1.8 J	1
CALCIUM	P	97.7	3110	5350	555	1910	8800	5190	1000
CHROMIUM	P	0.24	72.9	13.7	16.7	127	129	759	2
COBALT	P	0.28	13.4	3.9	7.5	9.8 J	11.2 J	17.1 J	10
COPPER	P	0.32	1780	10.7	70.5	227	205	348	5
IRON	P	5.3	47300	7740	15000	132000	107000	88400	20
LEAD	P	0.50	(2700)	26.0	136	107	70.0	77.7	0.6
MAGNESIUM	P	7.2	2630	2040	3120	1050	3550	3470	1000
MANGANESE	P	0.32	375	123	182	427	526	445	3
MERCURY	CV	0.05	1.6	0.05 U	0.06 U	0.07 J	0.10 J	0.12	0.1
NICKEL	P	0.40	106	12.7	20.1	69.6	111	409	8
POTASSIUM	P	5.4	1050	1520	941	542	939	1140	1000
SELENIUM	P	0.64	4.9	0.69 U	1.1	5.6	5.0	3.4	1
SILVER	P	0.44	0.53 UJ	0.48 U	0.53 U	0.58 UJ	0.56 UJ	0.49 UJ	2
SODIUM	P	89.7	37000	271	907	118 UJ	114 UJ	100 UJ	1000
THALLIUM	P	1.0	1.2 UJ	1.1 UJ	1.2 UJ	1.4 UJ	1.3 UJ	1.2 UJ	2
VANADIUM	P	0.28	83.2	16.2	20.6	24.3 J	13.2 J	25.5	10
ZINC	P	2.3	36100	47.7	943	312	373	632	4

ANALYTICAL METHOD

P - ICP
CV - COLD VAPOR

NOTE: J = QUANTITATION IS ESTIMATED DUE TO LIMITATIONS IDENTIFIED
IN THE QUALITY CONTROL REVIEW (DATA REVIEW).

U = VALUE IS NON-DETECTED.

UJ = VALUE IS NON-DETECTED AND DETECTION LIMIT IS ESTIMATED.

R = VALUE IS REJECTED.

NA = NOT ANALYZED.

NOTE: RESULTS ARE REPORTED ON A DRY WEIGHT BASIS.